

- 2 -

Application No. 10/788,477  
Docket No. 740116-509

In the Claims:

1. (Currently Amended) Saddle for pedal-powered devices, comprising:  
two seat halves which are spaced apart from one another, each of which is adapted to support one half of a rider's buttocks,  
a cup joint arrangement on a bottom side of each seat half, the cup joint arrangement having an essentially hollow spherical socket and a cup element which is movable in the socket,  
a support rod with two supports, each of the supports being attached to a respective cup element for enabling the saddle to be connected to a saddle support by means of the support rod, and  
each of the cup joint arrangements having a range of motion limiter for limiting the extent to which the cup element is movable in the socket,  
wherein the cup elements of the cup joint are movable in their respective socket around axes each of which [[are]] is formed by a respective support and each support being angled outward relative to a longitudinal center plane of the saddle.
2. (Original) Saddle as claimed in claim 1, wherein the included angle between the cup joint axes is in a range of 10° to 30°.
3. (Original) Saddle as claimed in claim 1, wherein as a means for limiting the range of motion of the cup element in the socket, the cup element has a collar on at least one of a top end and a bottom end thereof, the collar striking an edge of the socket at an end of the range of motion.
4. (Original) Saddle as claimed in claim 3, wherein the edge of the socket and the collar of the cup element, which collar strikes the edge at the end of the range of motion, are matched to one another such that extended resting of the collar of the cup element on the edge of the socket occurs.

- 3 -

Application No. 10/788,477  
Docket No. 740116-509

5. (Original) Saddle as claimed in claim 1, wherein an elastic spacer extends between the seat halves.

6. (Currently Amended) Saddle as claimed in claim 1, wherein the [[cap]] cup joint arrangement of each seat half comprises a flanged bearing.

7-10. (Cancelled).

11. (Previously Presented) Saddle as claimed in claim 1, wherein each of the supports is angled outward at an included angle of around 100° relative to a horizontal plane and is inclined forward at an included angle relative to a horizontal plane of about 74°.

12. (Original) Saddle as claimed in claim 1, wherein the socket is made of glass fiber reinforced plastic material.

13. (Currently Amended) Saddle for pedal-powered devices, comprising:  
two seat halves which are spaced apart from one another, each of which is adapted to support one half of a rider's buttocks,

a cup joint arrangement on a bottom side of each seat half, the cup joint arrangement having an essentially hollow spherical socket and a cup element which is movable in the socket,

a support rod with two supports, each of the supports being attached to a respective cup element for enabling the saddle to be connected to a saddle support by means of the support rod, and

each of the cup joint arrangements having a range of motion limiter for limiting the extent to which the cup element is movable in the socket,

wherein the cup elements of the cup joint are movable in their respective socket,

wherein each of the seat halves has a shape resembling one-half of a heart shape with a short and rounded tip which points forward, and

wherein major axes along a respective greatest extension of each seat half are directed toward a longitudinal center plane of the saddle and form an included angle in a range of 50° to 65°.

- 4 -

Application No. 10/788,477  
Docket No. 740116-509

14. (Previously Presented) Saddle as claimed in claim 13, wherein as a means for limiting the range of motion of the cup element in the socket, the cup element has a collar on at least one of a top end and a bottom end thereof, the collar striking an edge of the socket at an end of the range of motion.

15. (Previously Presented) Saddle as claimed in claim 14, wherein the edge of the socket and the collar of the cup element, which collar strikes the edge at the end of the range of motion, are matched to one another such that extended resting of the collar of the cup element on the edge of the socket occurs.

16. (Currently Amended) Saddle as claimed in claim 13, wherein the [[cap]] cup joint arrangement of each seat half comprises a flanged bearing.

17. (Previously Presented) Saddle as claimed in claim 13, wherein each cup joint arrangement is provided under the center of gravity of the respective seat half.

18. (Previously Presented) Saddle as claimed in claim 13, wherein said included angle is 57°.

19. (Currently Amended) Saddle as claimed in claim 13, wherein each of the supports is angled outward relative to a longitudinal center plane of the saddle and form [[at]] an included angle of around 100° relative to a horizontal plane and is inclined upward and forward at an included angle relative to a horizontal plane of about 74°.

20. (Currently Amended) Saddle for pedal-powered devices, comprising:  
two seat halves which are spaced apart from one another, each of which is adapted to support one half of a rider's buttocks,  
a cup joint arrangement on a bottom side of each seat half, the cup joint arrangement having an essentially hollow spherical socket and a cup element which is movable in the socket,

- 5 -

Application No. 10/788,477  
Docket No. 740116-509

a support rod with two supports, each of the supports being attached to a respective cup element for enabling the saddle to be connected to a saddle support by means of the support rod, and

each of the cup joint arrangements having a range of motion limiter for limiting the extent to which the cup element is movable in the socket,

wherein the cup element of each cup joint arrangement is movable in its respective socket around an axis that is formed by a respective support which is angled outward relative to a longitudinal center plane of the saddle.

21. (Previously Presented) Saddle as claimed in claim 20, wherein each of the supports is angled outward at an included angle of around 100° relative to a horizontal plane.

22. (Previously Presented) Saddle as claimed in claim 21, wherein each of the supports is inclined forward at an included angle relative to a horizontal plane of about 74°.

23. (Previously Presented) Saddle as claimed in claim 20, wherein as a means for limiting the range of motion of the cup element in the socket, the cup element has a collar on at least one of a top end and a bottom end thereof, the collar striking an edge of the socket at an end of the range of motion.

24. (Previously Presented) Saddle as claimed in claim 23, wherein the edge of the socket and the collar of the cup element, which collar strikes the edge at the end of the range of motion, are matched to one another such that extended resting of the collar of the cup element on the edge of the socket occurs.

25. (Previously Presented) Saddle as claimed in claim 20, wherein an elastic spacer extends between the seat halves.

26. (Currently Amended) Saddle as claimed in claim 20, wherein the [[cap]] cup joint arrangement of each seat half comprises a flanged bearing.

- 6 -

Application No. 10/788,477  
Docket No. 740116-509

27. (Previously Presented) Saddle as claimed in claim 20, wherein each cup joint arrangement is provided under the center of gravity of the respective seat half.

28. (Previously Presented) Saddle as claimed in claim 20, wherein each of the seat halves has a shape resembling one-half of a heart shape with a short and rounded tip which points forward.

29. (Previously Presented) Saddle as claimed in claim 28, wherein major axes along a respective greatest extension of each seat half form an included angle in a range of 50° to 65°.

30. (Previously Presented) Saddle as claimed in claim 29, wherein said included angle is 57°.